

IN THE SPECIFICATION

Please replace the paragraph beginning on page 12, line 9, with the following:

FIG. [[16B]] 16A depicts a batch simulation farm in which a preferred embodiment of the present invention may be implemented;

Please replace the paragraph beginning on page 12, line 12, with the following:

FIG. [[16C]] 16B is a flow diagram illustrating a progression of events from the creation of a specific simulation model to the removal of that model from batch simulation farm and instrumentation server in accordance with a preferred embodiment of the present invention;

Please replace the paragraph beginning on page 12, line 17, with the following:

FIG. [[16D]] 16C is a flow diagram depicting steps performed during execution of a simulation job within a batch simulation farm in accordance with a preferred embodiment of the present invention;

Please replace the paragraph beginning on page 87, line 1, with the following:

With reference now to **FIG. [[16B]] 16A**, there is illustrated a batch simulation farm 1601 in which a preferred embodiment of the present invention may be implemented. Batch simulation farm 1601 consists of geographically distant simulation farm nodes 1680a-d. Within these nodes, general-purpose computers 1600a-n are interconnected via local area networks (LANs) 1610a-d. LANs 1610a-d are further connected by means of a wide-area network (WAN) 1690, which provides communication among multiple simulation farm nodes 1680a-d. Those skilled in the art will recognize that many possible network topologies are possible for a batch simulation farm.

Please replace the paragraph beginning on page 91, line 14, with the following:

With reference to the flowchart of **FIG. [[16C]] 16B** in conjunction with **FIG. 15**, there is depicted a progression of events from the creation of a specific simulation model to the removal

of that model from batch simulation farm 1601 and instrumentation server 1699. The process begins at step 1621, which depicts the creation of the given simulation model. The simulation model is created in accordance with model build processes described hereinbefore.

Please replace the paragraph beginning on page 93, line 1, with the following:

With reference to the flowchart of FIG. ~~[[16D]] 16C~~, the steps involved in simulation job execution step 1627 of FIG. 16C are depicted in greater detail. The process of executing a simulation job on a simulation client begins with step 1631, which depicts the simulation client obtaining a copy of the model corresponding to the given simulation job provided by the model servers. As illustrated at step 1638, the simulation client communicates with instrumentation server 1699 to obtain and process control information for the instrumentation events within the simulation model. Proceeding to step 1632, the simulation model is loaded into a hardware simulator or memory 44 of the simulation client.